

RECP Best Practices Catalogue

Procurement of a continuous dryer with a conveyor

Developed within the framework of MED TEST II



UNITED NATIONS
INDUSTRIAL DEVELOPMENT ORGANIZATION



The SwitchMed Programme is
funded by the European Union

Best Practice - Procurement of a continuous dryer with a conveyor

SECTOR:	Textile & Readymade Garments
Branch:	Finishing of textiles
CATEGORY	Technology upgrade/Eco-innovation
APPLICABILITY	Process
COMPANY SIZE	1045



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Description of the Problem (Base Scenario):

- Drying items with conventional dryers has a number of disadvantages such as:
- Significant natural gas consumption
 - High non-prime rate
 - Average productivity

Description of the Solution

Procurement of a continuous dryer with an automatic conveyor having a daily production capacity of 12 000 items, which enables to replace the work done by 5 dryers (steam heating).



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Economic Gains

Economic gain: € 46,565

Environmental Gains

Gas gain: 256,645 Nm³/year (Normal cubic metre)
603 tons of CO₂/year decrease

Health and Safety Impact

Productivity enhancement



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Capital Investments & Financial Indicators	€ 65,217 Time for Return on Investment: 16 months
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Supplier Information	Imported
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Other aspects

Implementation	Action carried out
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